

P30320.A02

Application No.: 10/586,454

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Kozo NINOMIYA et al.

Group Art Unit: Unassigned

Appln. No. : 10/586,454

Examiner: Unassigned

(U.S. National Stage entry of PCT/JP05/00979)

I.A. Filed : January 26, 2005

Confirmation No.: 4690

For : DRUG FOR TREATING PAIN

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop Amendment
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

Pursuant to 37 C.F.R. § 1.56 and 37 C.F.R. §§ 1.97-1.98, Applicants hereby direct the Examiner's attention to the following information, which includes documents cited in the International Search Report, the International Preliminary Report on Patentability, and the Written Opinion for International Application No. PCT/JP05/00979, of which the above-referenced application is a National Stage:

(1) W. LEI, "Inhibitory Effect of Panex Notoginseng (Arasaponin E1) on the Central Nervous System", Zhongcaoyao, Vol. 17, No. 1, pp. 15-18 (1986);

(2) J. J. NAH et al., "Effect of Ginsenosides, Active Components of Ginseng, on Capsaicin-Induced Pain-Related Behavior", Neuropharmacology, Vol. 39, No. 11, pp. 2180-2184 (2000);

(3) J. J. NAH et al., "Effect of Spinally Administered Ginseng Total Saponin on Capsaicin-Induced Pain and Excitatory Amino Acids-Induced Nociceptive Responses", J. Ginseng Res., Vol. 23, No. 1, pp. 38-43 (1999); and

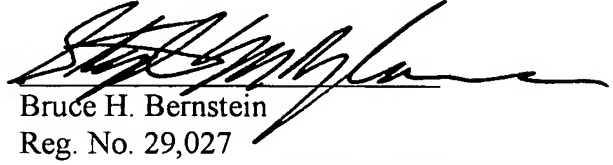
(4) M. ZHU et al., "Biological Test of *Schefflera* Glycosides and Ginseng Glycosides by Radio-Ligand Receptor Binding Assays", Advances in Plant Glycosides, Chemistry and Biology, Vol. 6, pp. 87-90 (1999).

Copies of the above-listed documents, the International Search Report (in English), the International Preliminary Report on Patentability; and the Written Opinion (in English) for International Application No. PCT/JP05/00979 are enclosed together with a completed copy of the PTO-1449 Form listing these documents. Accordingly, the Examiner is requested to consider these documents and to indicate such consideration by returning a signed and initialed copy of the PTO-1449 Form with the next official communication.

Applicants note that an Office Action on the merits has not yet issued in the instant application, and thus, no fee is necessary to ensure consideration of this statement. However, if an Office Action has issued and is crossing in the mail with this statement, the Patent and Trademark Office is hereby authorized to charge Deposit Account No. 19-0089 any fee necessary to ensure consideration of the submitted materials.

If there should be any questions, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,
Kozo NINOMIYA et al.



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FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.
P30320

Application No.
10/586,454

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

Applicant
Kozo NINOMIYA et al.

Filing Date
January 26, 2005

Group
Unknown

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	W. LEI, "Inhibitory Effect of Panex Notoginseng (Arasaponin E1) on the Central Nervous System", Zhongcaoyao, Vol. 17, No. 1, pp. 15-18 (1986).
	2	J. J. NAH et al., "Effect of Ginsenosides, Active Components of Ginseng, on Capsaicin-Induced Pain-Related Behavior", Neuroparmacology, Vol. 39, No. 11, pp. 2180-2184 (2000).
	3	J. J. NAH et al., "Effect of Spinally Administered Ginseng Total Saponin on Capsaicin-Induced Pain and Excitatory Amino Acids-Induced Nociceptive Responses", J. Ginseng Res., Vol. 23, No. 1, pp. 38-43 (1999).
	4	M. ZHU et al., "Biological Test of <i>Schefflera</i> Glycosides and Ginseng Glycosides by Radio-Ligand Receptor Binding Assays", Advances in Plant Glycosides, Chemistry and Biology, Vol. 6, pp. 87-90 (1999).

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.